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10/5/444

Approved for use through 07/31/2006. OMB 0651-0032 SUBSTITUTE for PTO/SB/01 (08-03), DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

	DECL	ARA	TIC	N AND	Attorney Docket Number	ITR0046Y
				TORNEY R DESIGN	First Named Inventor	Crescenzi et al.
				CATION	CO	MPLETE IF KNOWN
		CFF			Application Number	
×	Declaration			Declaration Submitted after Initial	Filing Date	·
	Submitted with Initial Filing	OR		Filing (surcharge (37 CFR 1.16 (e))	Group Art Unit	
				required)	Examiner Name	

		_					
As a below named inventor	, I hereby declare t	hat:					
My residence, post office add	dress, and citizenship	p are as st	ated below next to my name.				
I believe I am the original, fir names are listed below) of th	rst and sole inventor e subject matter whi	(if only o	one name is listed below) or a med and for which a patent is	n original, first and joir sought on the invention	it inven n entitle	tor (if plued:	ıral
N-SUBSTITUTED HYDROX	YPYRIMIDINONE	CARBO	XAMIDE INHIBITORS OF	HIV INTEGRASE			
the specification of which		(	Title of the Invention)				
bears the Attorney Docl	ket Number and Title	e of the Ir	nvention noted above				
OR							
is attached hereto							
OR  was filed on (MM/DD/)	YYYY) 12/18/200	3	as United States Applica	tion Number or PCT In	ternatio	nal	
Application Number PCT/C	B2003/005536 and	d was ame	ended on (MM/DD/YYYY)		(if app	olicable).	
I hereby state that I have revi amended by any amendment				pecification, including t	the clain	ms, as	
						otomtobili	: <b></b> .
I acknowledge the duty to dis as defined in 37 CFR 1.56, in	sclose to the Patent a	ina iraae: ation-in-p	mark Office all information k art applications, material info	mown to me to be mater	availab	le betwee	ny en
the filing date of the prior ap	plication and the nat	ional or P	CT international filing date of	of the continuation-in-pa	art appl	ication.	
I hereby claim foreign priority certificate(s), or 365(a) of any America, listed below and hav or of any PCT international ap	PCT international are also identified bel	pplication ow, by ch	n which designated at least or secking the box, any foreign a	e country other than the pplication for patent or	e United inventor	d States of	of
Prior Foreign Application Number(s)	Country	<i>6</i>	Foreign Filing Date (MM/DD/YYYY)	Attorney Docket Nu		Priority YES	Claimed?
Number(s)	Country	· · · · · · · · · · · · · · · · · · ·	(MINDD/1111)				
Additional foreign applica	tion numbers are listed	l on a supp	lemental priority data sheet PTO	/SB/02B attached hereto.			
I hereby claim the benefit under	35 U.S.C. 119(e) of ar	y United S	States provisional application(s)	isted below.			
Application Num	ber(s)		Filing Date (MM/DD/YYYY)	Attorney D	ocket N	Number	
60/436,830	_	12/27/2	002	ITR0046PV			
60/528,776		12/12/2	003	ITR0046PV2			
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### DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

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	U.S. Parent Appli	lication or PCT Pa	arent			_		t Filing					Patent Number applicable)
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									* .:*			:22B	
			-					_					attached hereto.
following regi	As a named inventor, I hereby appoint, respectively and individually, as my attorney(s) or agent(s) with full power of substitution and revocation, the following registered practitioner(s) to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:  Customer Number  OR  Registered practitioner(s) name/registration number listed below												
	Name			Registr Num					Na	ame			Registration Number
Kenneth R. Wa	alton		32,95		IDET		Valerie	J. Ca	amara				35,090
			1	-									
	· · · · · · · · · · · · · · · · · · ·		1										
Direct all co	orrespondence t	o: X Custo	omer Nu	ımber	000	02	10						
Name	Kenneth R. W	/alton				_		<i>-</i>					
Address	Merck & Co.,	, Inc Patent l	Departn	nent									
Address	P.O. Box 2000	0, RY60-30				_		<del></del>			<del></del>		
City	Rahway		•	т	<del></del>	s	state	NJ		ZIP	(°	07065-0	0907
Country	USA			Telej	phone (	(732	2)594-34	162		Fax	(	(732)59	94-4720
belief are bel the like so m		ue; and further nable by fine o	r that the or impris	ese sta sonme	ntements vent, or bot	were	e made v under 18	with t	the knowl	ledge that	willful	l false s	information and statements and lse statements
Name of Sole o						[	Ар	etitio					ed inventor
	iven Name (fi	rst and midd	le [if a	ny])				<u>-</u>	Fa	amily Na	me or	Surna	ıme
Benedetta Inventor's	1 1	- 31					Crescen	ızi	<del></del>	,			
Inventor's Signature	Gened	lette Lyc	eu		•		<del></del>		!	Date	W	\ac	ch 17,2004
Residence: City	Rome		s	State			Cour	ıtry	Italy	TX	Citiz	enship	IT
Post Office Address	Institu	uto di Ricerche	e di Bio	ologia I	Molecola	ıre I	P. Angel	etti S	S.p.A.				
City	Pome	zia (Roma)					State	. I	Italy	ZIP		00040	0
X Additional	al inventors are be	eing named on	the 2	supp	lemental /	\ddi	itional In	ventor	rs(s) sheet(	s) PTO/SB	/02A a	ttached !	hereto.

## ADDITIONAL INVENTOR(S) Supplemental Sheet

Name of Additiona	al Joint Inventor, if any:		A	petition	has been	filed for	r this unsigned inventor			
Given	Name (first and middle [if	f any])			Family Name or Surname					
Olaf	0		Kinzel							
Inventor's Signature	al his	of al			D	Date	March 9, 2004.			
Residence: City	Rome	State	Cou	ntry Ita	15 T/	X (	Citizenship DE			
Post Office Address	Instituto di Ricerche di B	iologia Molecolar	e P. Ange	letti S.p.	<b>A</b> .					
City	Pomezia (Rome)		State Italy ZIP 00040							
Name of Additiona	al Joint Inventor, if any:		A	petition	has been	filed for	r this unsigned inventor			
Given	Name (first and middle [if	fanyl)			Fam	ily Nan	ne or Surname			
Ester			Murag	lia						
Inventor's Signature	Eter M	myla			D	Date	March 9,8004			
Residence: City	Rome	State	Cou	ntry Ita	ıly J	灰	Citizenship IT			
Post Office Address	Instituto di Ricerche di B	iologia Molecolar	e P. Angel	letti S.p.	Α.					
City	Pomezia (Rome)		State	Italy	ZII	P	00040			
Name of Additiona	al Joint Inventor, if any:	A petition has been filed for this unsigned inventor								
Given	Name (first and middle [if	any])			ily Nan	ne or Surname				
<u>Federica</u>			Orvieto							
Inventor's Signature	dfC3				D	Date March 9,2				
Residence: City	Rome	State	Cou	ntry Ita	dy J	-12	Citizenship IT			
Post Office Address	Instituto di Ricerche di B	iologia Molecolar	e P. Angel	etti S.p.A	Α.					
City	Pomezia (Rome)		State	Italy	ZII	P	00040			
	al Joint Inventor, if any:		A	petition	has been	filed for	this unsigned inventor			
Given	Name (first and middle [if	any])			Fami	ily Nan	ne or Surname			
Giovanna			Pescato	ore						
Inventor's Signature	Grassy P	esector	2		D	Pate	March 9,2004			
Residence: City	Cosenza	State	Cou	ntry Ita	dy	IX	Citizenship IT			
Post Office Address	Instituto di Ricerche di B	iologia Molecolar	e P. Angel	etti S.p.A	A.					
City	Pomezia (Rome)		State	Italy	ZII	P	00040			

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۱,,	Name of Addition	nal J	oint Inventor, if any:			A	petitio	on has be	en filed fo	or this unsigne	d inventor		
, H)	Give	n Na	me (first and middle [if	anyl)		Family Name or Surname							
	Michael			<u> </u>		Rowley	y						
	Inventor's Signature		Hechael V						Date	ighten	2004		
	Residence: City	Axa	(RM)	State		Cou	ntry	Italy -	Citizenship GB				
	Post Office Address	_	Instituto di Ricerche di Bi	Biologia Molecolare P. Angeletti S.p.A.					· \				
	City		Pomezia (Rome)	-		State	State Italy			<b>ZIP</b> 00040			
	Name of Addition	nal J	oint Inventor, if any:	A petition has been filed for this unsigned invento							d inventor		
	Give	n Na	ame (first and middle [if	f any])					<u>amily Na</u>	me or Surnar	ne		
	Vincenzo					Summa	1						
EV	Inventor's Signature	1	Vilueum Zri	···	٠	,			Date	March	-9,2004		
	Residence: City	Vell	letri	State		Country Italy			Citizenship		IT		
	Post Office Address		Instituto di Ricerche di Bi	iologia N	Molecolare	P. Ange	P. Angeletti S.p.A.						
	City		Pomezia (Rome)	ome)					ZIP	00040			
	Name of Addition	nal J	oint Inventor, if any:			A	petitio	on has be	en filed fo	or this unsigne	d inventor		
	Give	n Na	ame (first and middle [if	any])				F	family Name or Surname				
	Inventor's Signature								Date				
	Residence: City			State		Cou	Country			Citizenship			
	Post Office Address												
	City					State			ZIP				
	Name of Addition	nal J	oint Inventor, if any:			A	petitio			or this unsigne			
	Give	n Na	ame (first and middle [if	any])				F	amily Na	me or Surnar	ne		
	Inventor's Signature					<u> </u>			Date				
	Residence: City			State		Cou	ntry		•	Citizenship			
	Post Office Address	•				·		-					
	City					State			ZIP				

[Page 4 of 4 ]

	DECL	ARA	TIC	ON AND	Attorney Docket Number	ITR0046Y
				TORNEY R DESIGN	First Named Inventor	Crescenzi et al.
				CATION	Co	OMPLETE IF KNOWN
	(37	CFI	R 1.6	(3)	Application Number	
X	Declaration Submitted			Declaration Submitted after Initial	Filing Date	
	with Initial Filing	OR		Filing (surcharge (37 CFR 1.16 (e))	Group Art Unit	
				required)	Examiner Name	
					<u> </u>	

As a below named inventor	, I hereby declare t	hat:			
My residence, post office add	dress, and citizenship	p are as st	ated below next to my name.		
I believe I am the original, fi names are listed below) of th					
N-SUBSTITUTED HYDROX	YPYRIMIDINONE	CARBO	XAMIDE INHIBITORS OF	HIV INTEGRASE	
the specification of which		(	Title of the Invention)		
bears the Attorney Docl	ket Number and Title	e of the Ir	vention noted above		
OR is attached hereto	•				
OR		_		POTE Law	
was filed on (MM/DD/			as United States Applica	[ <del></del>	
Application Number PCT/C					(if applicable).
I hereby state that I have revi amended by any amendment				pecification, including ti	ne claims, as
I acknowledge the duty to dis	sclose to the Patent a	and Trade	mark Office all information k	nown to me to be materi	al to patentability
as defined in 37 CFR 1.56, in	ncluding for continua	ation-in-p	art applications, material info	rmation which became a	vailable between
the filing date of the prior ap					
I hereby claim foreign priority certificate(s), or 365(a) of any	PCT international a	pplication	n which designated at least or	e country other than the	United States of
America, listed below and have or of any PCT international appropriate the control of the contro					
Prior Foreign Application			Foreign Filing Date		Priority Claimed?
Number(s)	Country		(MM/DD/YYYY)	Attorney Docket Nun	nber YES NO
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Additional foreign applica	ition numbers are listed	l on a supp	lemental priority data sheet PTO	/SB/02B attached hereto.	
I hereby claim the benefit under	35 U.S.C. 119(e) of an	y United S	States provisional application(s)	isted below.	
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## DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

designating to is not disclose 35 U.S.C. 11	the Unit sed in th 12, I ack 5 which	ted States of a he prior Unite knowledge the became avail	America, ed States to duty to	listed or PC disclo	d below CT interrose information	and, ins national rmation	ofar a appli know	as the s ication wn to n	subject in the ne to	ct matter on the manner be materi	of each of provided ial to pater	f the cla l by the ntability	aims of first pa y as de		
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Addition	al U.S.	or PCT interna	itional app	licatio	on numbe	ers are lis	ted or	a sup	plemer	ntal priorit	y data shee	et PTO/S	3B/02B	attached hereto.	
	istered pr	ractitioner(s) to	Customer I	e this a Numb I practi	applicationer(s)	on and to	transa	act all t	busine		Jnited State			ntion and revocation, the rademark Office	е
	Nan	ne		<u></u>	Registr: Num	ation ber	$\perp$			Na	ame			Registration Number	
Kenneth R. Wa	dton			32,95	51		<u>\</u> `	Valerie	J. Ca	amara				35,090	
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Direct all cor	rrespon	dence to: X	Custon	ner N	umber	00	021	0							
Name	Kennet	th R. Walton													
Address	Merck	& Co., Inc	Patent D	epart	ment										
Address	P.O. B	ox 2000, RY	¥60-30									<del></del>			
City	Rahwa	.y				Т	Sta	ate ·	NJ		ZIP	O	07065-0	0907	
Country	USA				Telep	ohone	(732)	594-34	462		Fax		732)59	94-4720	:
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	ven Na	ame (first an	ıd middl	e [if a	any])		-			F	amily Na	me or	Surna	ıme	
Benedetta							$-\Gamma_{c}$	Crescer	ızi			r			
Inventor's Signature	10	Genedett	hoya	<u> </u>	—			<del></del>			Date	W	lanc	h 17,2004	
Residence:	Rom	ne T			State	L		Cour	ntry	Italy		Citize	enship	) IT	
Post Office Address		Instituto di l	Ricerche	di Bi	ologia N	Aolecola	are P.	. Angel	letti S	3.p.A.					
City		Pomezia (R	oma)					State	e I	Italy	ZIP		0004	0	
X Additional	l invento	ors are being n	amed on the	he2	suppl	emental /	Additi	onal In	ventor	rs(s) sheet(	(s) PTO/SB	3/02A at	tached	hereto.	

# ADDITIONAL INVENTOR(S) Supplemental Sheet

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Name of Addition	nal J	oint Inventor, if any:			A	petiti	on has b	een filed f	or this unsigned inventor			
Give	n Na	me (first and middle [in	fany])				F	amily Na	ame or Surname			
Olaf		<i>O</i> • •			Kinzel							
Inventor's Signature		al hi	it 1					Date	March 9,2004.			
Residence: City	Ron	ne T	State		Cou	ntry	Italy		Citizenship DE			
Post Office Address		Instituto di Ricerche di B	iologia l	Molecolare	P. Angel	etti S	.p.A.					
City		Pomezia (Rome)		State Italy ZIP 00040								
Name of Addition	nal J	oint Inventor, if any:		A petition has been filed for this unsigned inventor								
Give	n Na	me (first and middle [if	any])				F	amily Na	ame or Surname			
Ester					Muragl	ia						
Inventor's Signature		Ster M	سع	مگہ				Date	March 9, 2004			
Residence: City	State		Cou	ntry	Italy		Citizenship IT					
Post Office Address		Instituto di Ricerche di B	iologia N	ogia Molecolare P. Angeletti S.p.A.								
City		Pomezia (Rome)	State Italy 2				ZIP	00040				
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Give	n Na	me (first and middle [it	any]) Family Name or Surname									
Federica			Orvieto									
Inventor's Signature		ROSPO						Date	March 9,2004			
Residence: City	Ron	ne	State	State   Country   Italy					Citizenship IT			
Post Office Address		Instituto di Ricerche di B	iologia N	Molecolare	P. Angel	etti S.	.p.A.					
City		Pomezia (Rome)			State	Italy		ZIP	00040			
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Giovanna				·	Pescato	re						
Inventor's Signature		Grassing P.	esec	tore	-			Date	March 9,2004			
D												
Residence: City	Cos	enza	State		Cou	ntry	Italy		Citizenship IT			
	Cos	enza Instituto di Ricerche di B		Molecolare			L		Citizenship   IT			

# ADDITIONAL INVENTOR(S) Supplemental Sheet

Name of Addition	al J	oint Inventor, if any:		A petition has been filed for this unsigned inventor  any])  Family Name or Surname								
Giver	n Na	me (first and middle [if	anvl)					Family 1	Vame	or Surnar	ne	
Michael			\ A	3 - 936.	Ro	wley						
Inventor's Signature		Hechael &		-				Date	i	Man	2004	
Residence: City	Axa	(RM)	State		(	Countr	y Italy		Ci	tizenship	GB	
Post Office Address		Instituto di Ricerche di B	iologia N	Molecolare	P. A	ngeletti	S.p.A.					
City		Pomezia (Rome)		State Italy ZIP 00040								
Name of Addition	al Jo	oint Inventor, if any:		A petition has been filed for this unsigned inventor								
Giver	ı Na	me (first and middle [if	any]) Family Name or Surname							ne		
Vincenzo				Su	mma							
Inventor's Signature	Vilneum Dri	m	<u> </u>			_	Date	N	Parch	Q,2004		
Residence: Velletri			State		C	Countr	Italy		Cit	IT		
Post Office Address		Instituto di Ricerche di Bi	iologia Molecolare P. Angeletti S.p.A.									
City		Pomezia (Rome)	State			e Ita	у	ZIP	- (	00040		
		oint Inventor, if any:		A petition has been filed for this unsigned inventor								
Giver	ı Na	me (first and middle [if	any])	any]) Family Name or Surname						ne		
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Inventor's Signature								Date				
Residence: City			State		C	Countr	y		Cit	tizenship		
Post Office Address												
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Name of Addition	al Jo	oint Inventor, if any:				A pet	tion has l	een filed	for th	nis unsigned	d inventor	
Giver	ı Na	me (first and middle [if	any])					Family N	lame	or Surnan	ne	
Inventor's Signature							Date					
Residence: City			State			Countr	y		Cit	tizenship		
Post Office Address	Post Office											
City					State	e		ZIP				

[Page 4 of 4 ]